



Background Note & Draft Agenda

Challenges and Opportunities of Sustainable Energy Transition

4th July 2023, New Delhi, India

I Background

Energy transition refers to the shift from fossil fuels to renewable energy sources. This includes three major fossil fuels viz. Coal, Oil & Gas affects several sectors viz. power, transport and infrastructure industries. G-20 countries account for 75% of the global energy demand. The pathways to transition need to ensure that neither the economies of G20 nor the progress to achieve Sustainable Development Goals (SDGs) is derailed by the Net Zero agenda. Though energy transition is critical to reducing carbon emissions and achieving Net Zero goals, the transition is highly dependent on enabling policies and access to technology, financing and capacity building of the stakeholders in developing countries. In addition, a road map is required to prepare the world for a post-transition world, new sunrise industries such as renewable energy, Zero Emission Vehicles (ZEVs), digitization etc.

The transition could give opportunities for green growth and harnessing the renewable potential of solar, wind, hydro and bioenergy resources. Wide-ranging stakeholder discussions could ensure the challenges of jobs, land use, finance and green growth. G-20 has the opportunity to drive a sustainable energy transition which is just and inclusive. IRADe shall engage a cross-section of stakeholders to discuss and deliberate on the key challenges and opportunities for sustainable transition and the required strategies and policies for an accelerated transition. Coal-dependent countries such as India, China, Indonesia and South Africa will exchange their experiences along with Australia, the USA, Germany and/or the UK. International agencies can share fossil fuel experiences over the decades. A draft communique will be prepared to summarize the deliberations.

Draft Agenda

10:30 AM-11:00 AM	Registration & Tea
11:00 AM-12:00 PM	Inaugural Session
<p>Welcome Address: Prof Jyoti K Parikh, Executive Director, IRADe</p> <p>Special Address:</p> <ul style="list-style-type: none">• Shri Bhupender Yadav, Minister of Environment Forest and Climate Change, MoEFCC, Govt of India.• Shri Arjun Munda, Minister of Tribal Affairs, Govt. of India• Mr. Tarun Kapoor, Advisor to PM, PMO, Govt. of India• Lord Nicolas Stern, Chairman, Grantham Research Institute, The London School of Economics and Political Science, UK• Mr. Auguste Tano Kouamé, Country Director, World Bank, India• Dr. Jeffrey D. Sachs, Director, Centre for Sustainable Development, Earth Institute, Colombia University, US <p>Vote of Thanks: Prof. Kirit Parikh, Chairman, IRADe</p>	
12:00 PM-1:30 PM	Session 1: Country Experiences on Sustainable Energy Transition
<p>The session will share perspectives and country experiences of sustainable energy transition from India, China, Indonesia and South Africa, USA, Germany and/or the UK. It will also deliberate key challenges and opportunities for enabling Just Transition in G20 countries.</p> <p>Session Chair: Mr. Alok Kumar, Secretary, Ministry of Power. Govt of India</p> <p>Co-Chair: Ms. Gauri Singh, Deputy Director General, IRENA, UAE</p> <p>Panelists:</p> <ul style="list-style-type: none">• Dr Jim Skea, Professor, Sustainable Energy at Imperial College London, UK• Dr David G. Victor, Professor, Innovation and Public Policy; UC San Diego, US• Dr. Anbumozhi Vankatachalam, Economic Research Institute for ASEAN and East Asia, Jakarta, Indonesia• Ms. Mandy Rambharos, Commissioner, Presidential Climate Commission, South Africa.	

<ul style="list-style-type: none"> • Dr. Ajay Rastogi, Chairman, Task Force, Sustainable Just Transition, Jharkhand, India 	
1:30 PM- 2:15 PM	Lunch
2:15 PM- 3:45 PM	Session 2: Policy Suggestions to G20
<p>The session will deliberate on the key learnings for a sustainable energy transition from the experiences of the G-20 countries. It will suggest strategies and policies for the accelerated energy transition.</p> <p>Session Chair: Prof. Kirit Parikh, Chairman, IRADe</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Dr. Debra Roberts, Co-Chair Working Group –II, IPCC • Dr Xiaodong Wang, Senior Energy Specialist, East Asia & Pacific, World Bank, India • Ms. Mikiko Tanaka, Head, Sub-regional office for South & South West Asia, UNESCAP • Dr. Vibha Dhawan, Director General, TERI • Mr. Jiwan Acharya, Principal Energy Specialist, Asia Development Bank. • Dr Laura Cozzi, Chief Energy Modeller, International Energy Agency (IEA), Paris, France • Dr Tatiana Mitrova, Centre on Global Energy Policy, The Oxford Institute of Energy Studies, UK 	
3:45 PM - 4:00 PM	<p>Valedictory Session</p> <p>Valedictory Address</p> <p>Mrs Meenakshi Lekhi, Minister of State for External Affairs & Culture, Govt. of India</p> <p>Concluding Remarks</p> <p>Prof Kirit Parikh, Executive Director, IRADe</p>

For more information, please reach out to:

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